

WHAT IS CLAIMED IS:

1. A laminated optical device comprising:
a polarizing layer having a thickness of not larger than
5 μm ; and

at least one birefringent layer laminated on said
polarizing layer and including either a solid film of oriented
liquid crystal or a polymer layer containing oriented liquid
crystal.

2. A laminated optical device according to claim 1,
wherein said polarizing layer is made of one member selected
from the group consisting of a lyotropic liquid-crystal
dichromatic dye, a dichromatic dye-containing liquid-crystal
polymer and a dichromatic dye-containing lyotropic substance.

3. A laminated optical device according to claim 1,
wherein said birefringent layer contains one member selected
from the group consisting of discotic or nematic liquid crystal
oriented planarly horizontally or thicknesswise obliquely,
cholesteric liquid crystal oriented in a Grandjean texture,
and liquid crystal nematically oriented at an angle of twist
of from 0 to 360 degrees.

4. A laminated optical device according to claim 1,
wherein said polarizing layer and said birefringent layer are

superposed closely on each other through an oriented film.

5. A laminated optical device according to claim 1, further comprising a luminance-enhancing film laminated.

6. A laminated optical device according to claim 1, further comprising at least one adhesive layer disposed on one or each of opposite surfaces.

7. A liquid-crystal display apparatus comprising:
a liquid-crystal display panel; and
at least one laminated optical device defined in claim 1 and disposed on one of opposite surfaces of said liquid-crystal display panel.